

## MCA PROGRAMME DETAILS

### (Master of Computer Application)

Admission	:	Open now for July 2017
Last date to apply	:	31-07-2017
Cost of Prospectus	:	Rs.200/- by person, Rs.250/- by post

Online Admission is now open for July 2017 Session in portal  
<https://onlineadmission.ignou.ac.in/admission/>

#### **Eligibility:**

Any Bachelor's degree of minimum 3 years duration from a recognized University and Mathematics as one the subject a 10+2 level or graduation level or the student is required to pursue and pass the BCS12 course concurrently with IGNOU MCA.

#### **Fees:**

Rs.9000/- per semester

**Recognition :** IGNOU MCA is recognized by AICTE

**Minimum duration:** 3 years **Maximum duration:** 6 Years

#### **Documents to be Submitted along with application:**

- 10+2 Mark sheet copy
- Degree Certificate / Provisional Certificate Copy (No Originals required)

**OTHER INFORMATION:** *Couselling session: Optional*  
*Practical Sessions: 75% attendance during Saturday and Sunday (Flexible)*

*Study Centre* : 2578 - *Guru Nanak College, Velachery, Chennai*  
2528 – *Innovision Information Systems, T.Nagar, Chennai*

*I Semester Theory exam* : *December 2017, Exam fee, Exam Fee: Rs. 120/- per course*

*For Admission* : *Contact IGNOU, Regional Centre, Chennai*

*For details* : *Refer IGNOU website [www.ignou.ac.in](http://www.ignou.ac.in)*

## MCA SUBJECT DETAILS:

### FIRST YEAR

#### **I Semester**

- 1 Problem Solving and Programming
- 2 Computer Organization and Assembly Language Programming
- 3 Discrete Mathematics
- 4 Systems Analysis and Design
- 5 Communication Skills
- 6 Internet Concepts and Web Design
7. C and Assembly Language Programming Lab

#### **II Semester**

- 1 Data and File Structures
2. Operating System Concepts and Networking Management
3. Introduction to Database Management Systems
4. Object Oriented Technologies and Java Programming
5. Lab (based on 2, 3, 4)

### SECOND YEAR

#### **III Semester**

1. Design and Analysis of Algorithms
2. Object Oriented Analysis and Design
3. Advanced Discrete Mathematics
4. Software Engineering
5. Accountancy and Financial Management
6. Lab (based on 2, 4, 5)

#### **IV Semester**

1. Operating Systems
2. Data Communication and Computer Networks
3. Advanced Database Mathematics Management Systems
4. Mini Project 4
5. Lab (UNIX and Oracle) .

### THIRD YEAR

#### **V Semester**

1. Advanced Internet Technologies
2. Principles of Management and Information systems
3. Computer Graphics and Multimedia
4. Lab (based on 1 and 3)

#### **Elective Courses**

1. Artificial Intelligence and Knowledge Management
2. Numerical and Statistical Computing
3. Parallel Computing

#### **VI Semester**

1. Project
- \* Presently, only 3 elective courses are on offer and student should select all of them. As and when we design the new courses we will inform.

Total number of Theory Courses -

23 Lab Courses - 6

Mini Project - 1

Major Project - 1